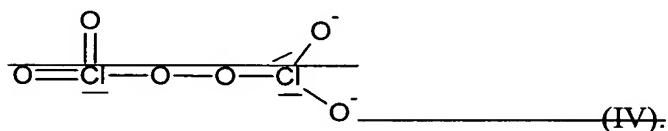
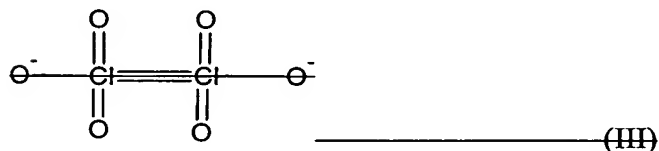
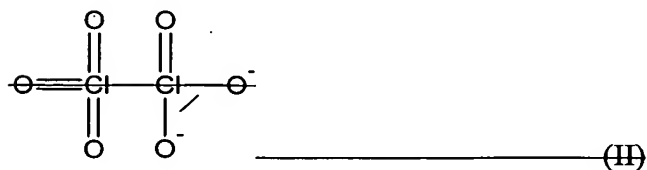
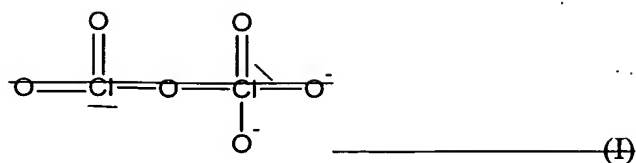


AMENDMENT TO THE CLAIMS:

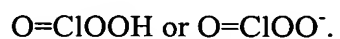
Please amend the claims as follows:

1. (Currently Amended) Method for the preparation of aqueous solutions of reactive chlorine compounds, comprising the steps of:
 - (a) reacting chlorine dioxide with an aqueous ~~or water containing~~ solution of hydrogen peroxide or another hydroperoxide or peroxide at a pH value of $[[>=]] \geq 6,5$, to produce a gaseous free reactive chlorine compound and a dissolved reactive chlorine compound,
 - (b) lowering the pH value to 3 to 6 by adding an acid,
 - (c) expelling the gaseous free reactive chlorine compound with a cooled gas and collecting the dissolved chlorine compound in a basic solution with a pH value of >10 , and
 - (d) incubating the collected dissolved reactive chlorine compound with ~~an~~ up to 100-fold excess of chlorite at a pH value of 6 to 8.
2. (Previously Presented) Aqueous solutions of reactive chlorine compounds obtained according to the method of claim 1.
3. (Currently Amended) Aqueous solutions according to Claim 2 comprising dichloric acids of formula $H_2Cl_2O_6$ and the derivatives, anions or salts thereof ~~with the structural formula of the anions~~



4. (Previously Presented) Aqueous solution according to claim 2 comprising peroxochlorous acid or the anions, derivatives or salts thereof with the structural formula $\text{O}=\text{ClOOH}$ or $\text{O}=\text{ClOO}^-$, respectively.

5. (Currently Amended) Aqueous solution according to Claim 3 comprising dichloric acids, and the anions, derivatives or salts thereof, and peroxochlorous acid and the anions, derivatives and salts thereof with the structural formula:



6. (Currently Amended) Aqueous solution according to claim 5 with a concentration of dichloric acids and derivatives, anions or salts thereof, ~~or of peroxochlorous acid and derivatives anions and salts thereof~~ of at least 0.01 M.

7. (Previously Presented) Dichloric acids and derivatives, anions and salts thereof according to Claim 3.

8. (Original) Alkaline metal, alkaline-earth metal, zinc, ammonia and amine salts of dichloric acids or derivatives thereof according to Claim 7.

9. (Original) Peroxochlorous acid and anions, derivatives or salts thereof according to Claim 4.

10. (Original) Alkaline metals, alkaline-earth metal, zinc, ammonia and amine salts of peroxochlorous acid and derivatives thereof according to Claim 9.

11. (Previously Presented) Method according to Claim 1 comprising collecting the free reactive chlorine compound by a cold trap.

12. (Previously Presented) Method according to Claim 1 comprising feeding the free reactive chlorine compound into an aqueous alkaline solution.

13. (Previously Presented) Method according to Claim 12 wherein the alkaline solution comprises a base selected from the group consisting of alkaline metals, alkaline-earth metals, zinc, nitrogen bases and hydroxides of quaternary ammonium salts.

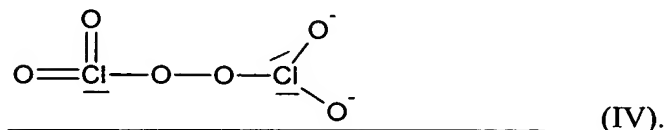
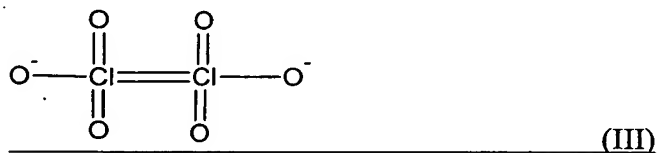
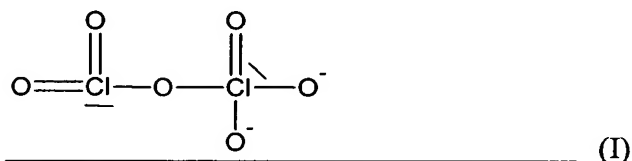
14. (Previously Presented) Method according to Claim 1 comprising stabilizing the solutions obtained from step (d) by increasing the pH value.

15. (Previously Presented) Pharmaceutical preparation comprising at least an aqueous solution according to claim 2.

16. (Previously Presented) Pharmaceutical preparation according to Claim 15 formulated for parental or topical administration.

17. – 20. (Canceled)

21. (New) Aqueous solution according to Claim 3 comprising an anion of said dichloric acids, said anion having a structural formula selected from the group consisting of



22. (New) Aqueous solution according to claim 4 with a concentration of dichloric acids and derivatives, anions or salts thereof, or of peroxochlorous acid and derivatives anions and salts thereof of at least 0.01 M.

23. (New) Dichloric acids and derivatives, anions and salts thereof according to Claim 21.

24. (New) Alkaline metal, alkaline-earth metal, zinc, ammonia and amine salts of dichloric acids or derivatives thereof according to Claim 23.